



## SAFETY DATA SHEET

### CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Clean Solutions Conc. 20% Lemon Washing Up Liquid  
Product number TWGCS003

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Hand/Manual/Domestic/Industrial Dishwashing Detergent  
Uses advised against Not for ingestion or for personal hygiene purposes.

##### 1.3. Details of the supplier of the safety data sheet

Supplier The Wholesale Group,  
Cotswold Business Centre,  
2 AP Ellis Road,  
Upper Rissington,  
Cheltenham GL54 2QB  
Tel: +44 (0) 1422 319100

##### 1.4. Emergency telephone number

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Not Classified  
Health hazards Skin Irritation 2 - H315, Eye Irritation 2- H319  
Environmental hazards Aquatic Chronic 3 - H 412

##### 2.2. Label elements

Symbols



Signal word Warning

Hazard statements H319 – Causes serious eye irritation.  
H315 – Causes skin irritation.  
H302 – Harmful if swallowed.  
H402 – Harmful to aquatic life.

Precautionary statements P102 Keep out of reach of children.  
P103 Read label before use.  
P15 Restricted to professional users only.  
P264 Wash hands thoroughly after handling

# SAFETY DATA SHEET

## CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

P273 Avoid release to the environment  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see medical advice on this label).  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P337+P313 – If eye irritation persists: Get medical advice/attention  
P501 Dispose of contents/ container in accordance with local regulations.

**Contains** C12–14 Alkyl Ether Sulfates, Benzenesulfonic acid, C10–13-alkyl Derivatives.

**Detergent Labelling** 15 - <20% anionic surfactant, <10% non-ionic surfactant, <5% perfume, 2-Bromo-2-nitropropane-1,3-diol, Sodium Chloride & CI AY 23.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## **SECTION 3: Composition/information on ingredients**

### 3.1. Mixtures

<b>SODIUM LAURYL ETHER SULPHATE</b>	<b>10 - 20%</b>
CAS Number 68891-38-3 EC Number 500-234-8 REACH Registration Number: 01-2119488639-16-XXXX	
<b>COCO DIETHANOLAMINE</b>	<b>1-10%</b>
CAS Number: 68603-42-9 EC Number: 931-329-6 REACH Registration Number: 01-2119490100-53-XXXX	
<b>BRONOPOL</b>	<b>&lt;1%</b>
CAS Number: 52-51-7 EC Number: 200-143-0 REACH registration number: 01- 2119980938-15-0000	
<b>SODIUM CHLORIDE</b>	<b>1-10%</b>
CAS Number: 7647-14-5 EC Number: 231-598-3	

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

**Inhalation:** Breathing in the product is unlikely due to its lack of volatile ingredients. If inhaled, immediately move the person to fresh air. Rinse their nose and mouth with water. If any discomfort or symptoms persist, seek medical advice.

# **SAFETY DATA SHEET**

## **CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID**

<b>Ingestion:</b>	Do not give anything by mouth to an unconscious person. If the person is conscious, give them plenty of water to drink. Do not induce vomiting. Thoroughly rinse the mouth with water. Seek medical help if discomfort continues.
<b>Skin Contact:</b>	Rinse the affected area with plenty of water without delay.
<b>Eye Contact:</b>	Remove any contact lenses and open the eyelids wide. Rinse the eyes with water for at least 10 minutes. Seek medical attention if irritation persists after rinsing.

### **4.2. Most important symptoms and effects, both acute and delayed**

<b>Inhalation:</b>	Inhalation is unlikely due to the product's low vapor pressure at room temperature.
<b>Ingestion:</b>	No specific symptoms are known. However, swallowing the product may cause discomfort.
<b>Skin Contact:</b>	Prolonged skin contact may lead to irritation, redness, or dryness.
<b>Eye Contact:</b>	The product may irritate the eyes. Prolonged exposure can cause irritation, redness, and could result in serious eye damage.

### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	No specific recommendations, treat symptomatically.
-----------------------------	---

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide (CO <sub>2</sub> ), dry chemical powder, or water fog.
-------------------------------------	---

### **5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Oxides of carbon.
--------------------------------------	--

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Prevent runoff water from entering sewers and watercourses by containing and controlling it.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid eye contact. Be cautious, as floors and other surfaces may become slippery. Do not touch or walk through spilled material.
-----------------------------	--

### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Collect and dispose of spillage as indicated in Section 13. Do not
----------------------------------	--

# SAFETY DATA SHEET

## CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

discharge into drains or watercourses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** If it is safe to do so, stop the leak. Absorb the spill using materials such as vermiculite, dry sand, or earth, and place the absorbed material into containers. Clean the affected area by flushing it with plenty of water. Ensure that the spill or runoff does not enter drains, sewers, or watercourses.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Avoid contact with skin and eyes. Prevent spills. For use by professionals only. Minimize prolonged skin contact and avoid contact with eyes.

**Advice on general occupational hygiene** After handling, wash contaminated skin thoroughly. Remove contaminated clothing and wash it before reusing. Use a suitable hand lotion to prevent skin dryness, cracking, and defatting.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in a tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 25°C. Keep out of the reach of children.

### **7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure Controls/personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

#### **C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)**

**DNEL** Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day  
Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>  
Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day  
Consumer - Oral; Long term systemic effects: 15 mg/kg/day

**PNEC** - Fresh water; 0.24 mg/l  
- Marine water; 0.024 mg/l  
- Intermittent release; 0.071 mg/l  
- Sediment, Fresh water; 0.917 mg/kg  
- Sediment, Marine water; 0.092 mg/kg  
- Soil; 7.5 mg/kg  
- STP; 10,000 mg/l

# SAFETY DATA SHEET

## CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

### BRONOPOL (INN) (CAS: 52-51-7)

**DNEL**

Workers - Inhalation; Long term systemic effects: 4.1 mg  
 Workers - Inhalation; Short term systemic effects: 12.3 mg/m  
 Workers - Inhalation; Long term local effects: 4.2 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term local effects: 4.2 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day  
 Workers - Dermal; Short term systemic effects: 7 mg/kg/day  
 Workers - Dermal; Long term local effects: 0.013 mg/cm<sup>2</sup>  
 Workers - Dermal; Short term local effects: 0.013 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup>  
 General population - Inhalation; Short term systemic effects: 3.7 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 1.3 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 1.3 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1.4 mg/kg/day  
 General population - Dermal; Short term systemic effects: 4.2 mg/kg/day  
 General population - Dermal; Long term local effects: 0.008 mg/cm<sup>2</sup>  
 General population - Dermal; Short term local effects: 0.008 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 0.35 mg/kg/day  
 General population - Oral; Short term systemic effects: 1.1 mg/kg/day

**PNEL**

- Fresh water; 0.01 mg/l
- marine water; 0.008 mg/l
- Intermittent release; 0.0025 mg/l
- STP; 0.43 mg/l
- Sediment (Freshwater); 0.041 mg/kg
- Sediment (Marinewater); 0.00328 mg/kg
- Soil; 0.5 mg/kg

## **8.2. Exposure controls**

### **Protective Equipment**



### **Appropriate engineering Controls**

No specific requirements for ventilation.

### **Eye/face protection**

No specific eye protection is required under normal use conditions. However, if a risk assessment shows potential for eye contact, wear eyewear that meets an approved standard.

### **Hand protection**

For users with sensitive skin, it is recommended to wear suitable protective gloves. Recommended materials for gloves include: Polyvinyl chloride (PVC), natural rubber (latex), neoprene, nitrile rubber, or polyethylene.

### **Other skin and body Protection**

No specific protection is needed for normal use. Wear appropriate clothing to prevent prolonged or repeated skin contact. Use hand lotion to prevent skin dryness, cracking, and defatting.

### **Hygiene measures**

Wash hands and any other contaminated skin areas with soap and water before leaving the work area. Always wash hands thoroughly after handling the product.

### **Respiratory protection Environmental exposure controls**

Respiratory protection is not necessary under normal conditions. Avoid releasing into the environment.

# SAFETY DATA SHEET

## CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Yellow
Odour	Lemon
Odour threshold	Not applicable.
pH	pH (concentrated solution): 7 - 9
Relative density	1.01 - 1.08
Solubility(ies)	Soluble in water.
Explosive under the influence of a flame	Not considered to be explosive.
Comments	Information given is applicable to the product as supplied.

#### 9.2. Other information

Other information	Not relevant.
Viscosity	> 1300 CSt.
Refractive Index	15 - 20

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	This product does not present any known reactivity hazards.
------------	---

#### 10.2. Chemical stability

Stability	The product is stable under normal ambient conditions.
-----------	--

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous Reactions	No hazardous reactions are known to occur with this product.
------------------------------------	--

#### 10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures and direct sunlight..
---------------------	---

#### 10.5. Incompatible materials

Materials to avoid	There are no specific materials that are likely to cause hazardous Reactions.
--------------------	---

#### 10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products are known to form.
----------------------------------	--

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological effects	The information provided is based on data from the product's components and similar products.
-----------------------	---

## SAFETY DATA SHEET

### CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID

<b>Other health effects</b>	This product does not contain any substances known to be carcinogenic.
<b><u>Acute toxicity - oral</u></b> <b>Notes (oral LD<sub>50</sub>)</b>	Based on available data, the product does not meet the criteria
<b><u>Acute toxicity - dermal</u></b> <b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b> <b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b> <b>Skin corrosion/irritation</b>	This product may cause skin irritation.
<b><u>Serious eye damage/irritation</u></b> <b>Serious eye damage/irritation</b>	This product may cause severe eye irritation.
<b><u>Respiratory sensitisation</u></b> <b>Respiratory sensitisation</b>	Not sensitising. Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b> <b>Skin sensitisation</b>	Not classified. Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b> <b>Genotoxicity - in vitro</b>	This product does not contain any substances known to be mutagenic No data on in vitro genotoxicity is available for this product.
<b><u>Carcinogenicity</u></b> <b>Carcinogenicity</b>	This product does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b> <b>Reproductive toxicity - fertility</b>	This product does not contain any substances known to be harmful to reproduction. No known reproductive toxicity effects on fertility.
<b><u>Specific target organ toxicity - single exposure</u></b> <b>STOT - single exposure</b>	This product is not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b> <b>STOT - repeated exposure</b>	This product is not classified as a specific target organ toxicant after repeated exposure.
<b>General information</b>	This product has low toxicity
<b>Ingestion</b>	Ingestion may cause irritation. Symptoms of overexposure may include stomach pain, nausea, vomiting, or diarrhea.
<b>Skin contact</b>	Skin irritation should not occur if used as recommended. Prolonged or repeated exposure may cause dryness, redness, or irritation.
<b>Eye contact</b>	May cause severe eye irritation or damage.

## SECTION 12: Ecological Information

**Ecotoxicity** This product contains a substance that is harmful to aquatic life.

**12.1. Toxicity** We have not conducted specific aquatic toxicity testing for this product. However, aquatic toxicity data for the individual ingredients, as provided by the raw material manufacturers, can be made available upon request.

**12.2. Persistence and degradability**  
**Persistence and degradability** The product is moderately biodegradable.

# **SAFETY DATA SHEET**

## **CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID**

### **12.3. Bioaccumulative potential**

**Bioaccumulative potential**      There is no data available on the product's bioaccumulation potential.

### **12.4. Mobility in soil**

**Mobility**      The product is water-soluble and may spread in water systems.

### **12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment**      This product does not contain any substances classified as Persistent, Bioaccumulative, and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB).

### **12.6. Other adverse effects**

**Other adverse effects**      No other known adverse effects.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

**General information**      Dispose of any surplus or non-recyclable products via a licensed waste disposal contractor.

**Disposal methods**      Dispose of waste at a licensed waste disposal site, following local Waste Disposal Authority regulations. Waste solutions from normal use can typically be flushed into sewers. Reuse or recycling is encouraged where possible.

## **SECTION 14: Transport information**

**General**      This product is not subject to international transport regulations for dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**      Not applicable

**14.2. UN proper shipping name**      Not applicable.

**14.3. Transport hazard class(es)**      No transport warning sign required.

**14.4. Packing group**      Not applicable

### **14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**      No.

**14.6. Special precautions for user**      Not applicable

### **14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.**      Not applicable

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations**      The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).



# **SAFETY DATA SHEET**

## **CLEAN SOLUTIONS CONC. 20% LEMON WASHING UP LIQUID**

EH40/2005 Workplace exposure limits.  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).  
The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).  
The Detergents Regulations 2010 (SI 2010 No. 740) (as amended).  
The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended).  
The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** Regulation (EC) No 1223/2009 on cosmetic products

**Guidance** COSHH Essentials.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.  
EH40/2005 Workplace exposure limits  
Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)  
Technical Guidance WM2: Hazardous Waste.

### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### **SECTION 16: Other information**

**Abbreviations and acronyms** PBT: Persistent, Bioaccumulative and Toxic substance  
**used in the safety data sheet** vPvB: Very Persistent and Very Bioaccumulative.

**Date** 29/11/2025

**SDS Number** 291125

**Hazard statements in full** H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.